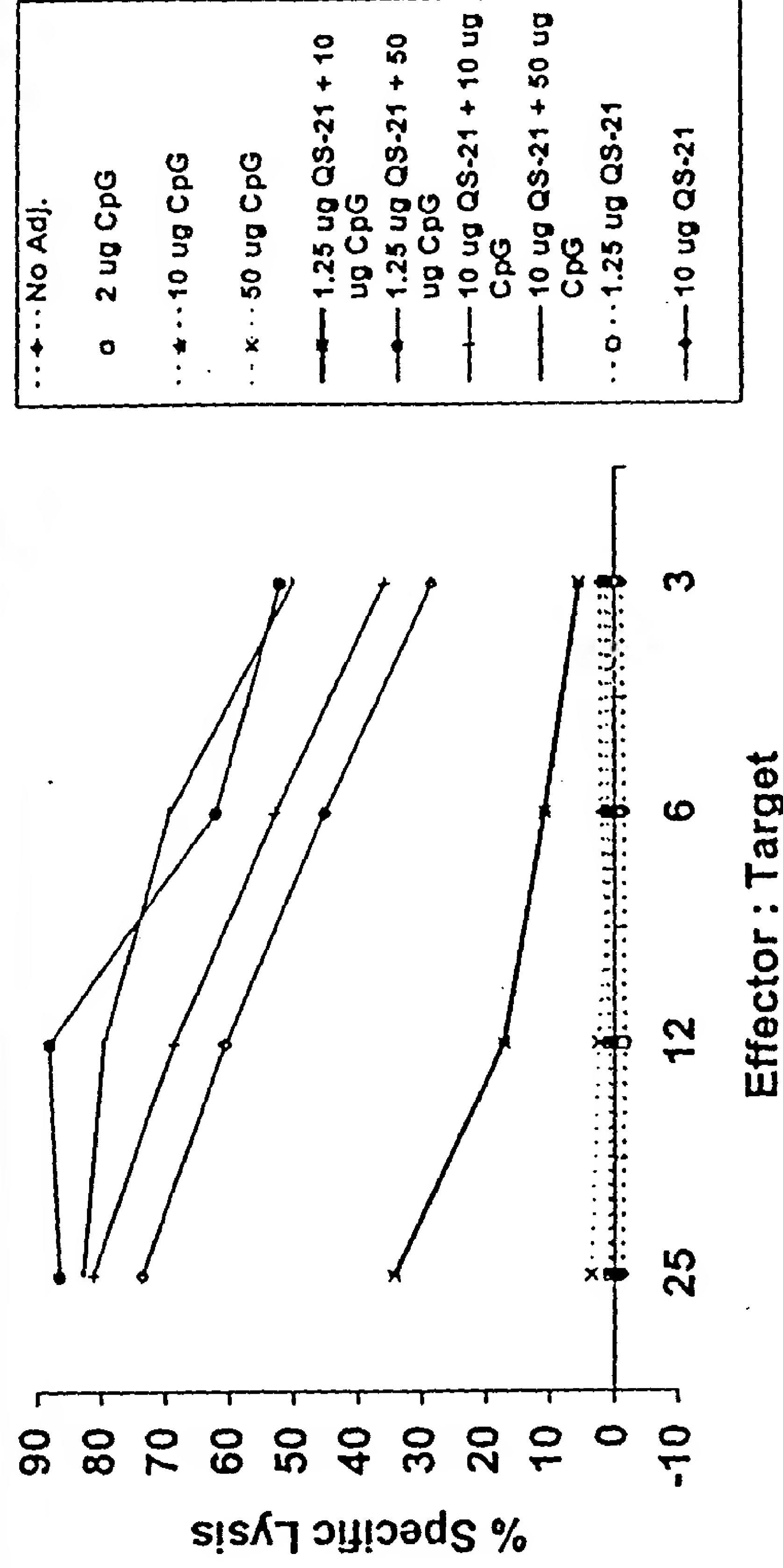


CpG vs QS-21 vs Mixtures (E.G7 stim.)



C57BL/6 mice
 3 s.c. immunizations with OVA + adj. at days 0, 14, 28
 CTL carried out with E.G7-OVA stim. splenocytes at day 42
 Targets = E.G7-OVA

Figure 1: CTL Induced by QS-21 and CpG/QS-21

1. 1970-1971
 2. 1972-1973
 3. 1974-1975
 4. 1976-1977
 5. 1978-1979
 6. 1980-1981
 7. 1982-1983
 8. 1984-1985
 9. 1986-1987
 10. 1988-1989
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 12. 1992-1993
 13. 1994-1995
 14. 1996-1997
 15. 1998-1999
 16. 2000-2001
 17. 2002-2003
 18. 2004-2005
 19. 2006-2007
 20. 2008-2009
 21. 2010-2011
 22. 2012-2013
 23. 2014-2015
 24. 2016-2017
 25. 2018-2019
 26. 2020-2021
 27. 2022-2023
 28. 2024-2025
 29. 2026-2027
 30. 2028-2029
 31. 2030-2031
 32. 2032-2033
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 56. 2080-2081
 57. 2082-2083
 58. 2084-2085
 59. 2086-2087
 60. 2088-2089
 61. 2090-2091
 62. 2092-2093
 63. 2094-2095
 64. 2096-2097
 65. 2098-2099
 66. 2100-2101
 67. 2102-2103
 68. 2104-2105
 69. 2106-2107
 70. 2108-2109
 71. 2110-2111
 72. 2112-2113
 73. 2114-2115
 74. 2116-2117
 75. 2118-2119
 76. 2120-2121
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 95. 2158-2159
 96. 2160-2161
 97. 2162-2163
 98. 2164-2165
 99. 2166-2167
 100. 2168-2169
 101. 2170-2171
 102. 2172-2173
 103. 2174-2175
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 112. 2192-2193
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 115. 2198-2199
 116. 2200-2201
 117. 2202-2203
 118. 2204-2205
 119. 2206-2207
 120. 2208-2209
 121. 2210-2211
 122. 2212-2213
 123. 2214-2215
 124. 2216-2217
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 127. 2222-2223
 128. 2224-2225
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 134. 2236-2237
 135. 2238-2239
 136. 2240-2241
 137. 2242-2243
 138. 2244-2245
 139. 2246-2247
 140. 2248-2249
 141. 2250-2251
 142. 2252-2253
 143. 2254-2255
 144. 2256-2257
 145. 2258-2259
 146. 2260-2261
 147. 2262-2263
 148. 2264-2265
 149. 2266-2267
 150. 2268-2269
 151. 2270-2271
 152. 2272-2273
 153. 2274-2275
 154. 2276-2277
 155. 2278-2279
 156. 2280-2281
 157. 2282-2283
 158. 2284-2285
 159. 2286-2287
 160. 2288-2289
 161. 2290-2291
 162. 2292-2293
 163. 2294-2295
 164. 2296-2297
 165. 2298-2299
 166. 2300-2301
 167. 2302-2303
 168. 2304-2305
 169. 2306-2307
 170. 2308-2309
 171. 2310-2311
 172. 2312-2313
 173. 2314-2315
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 175. 2318-2319
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 177. 2322-2323
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 197. 2362-2363
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 205. 2378-2379
 206. 2380-2381
 207. 2382-2383
 208. 2384-2385
 209. 2386-2387
 210. 2388-2389
 211. 2390-2391
 212. 2392-2393
 213. 2394-2395
 214. 2396-2397
 215. 2398-2399
 216. 2400-2401
 217. 2402-2403
 218. 2404-2405
 219. 2406-2407
 220. 2408-2409
 221. 2410-2411

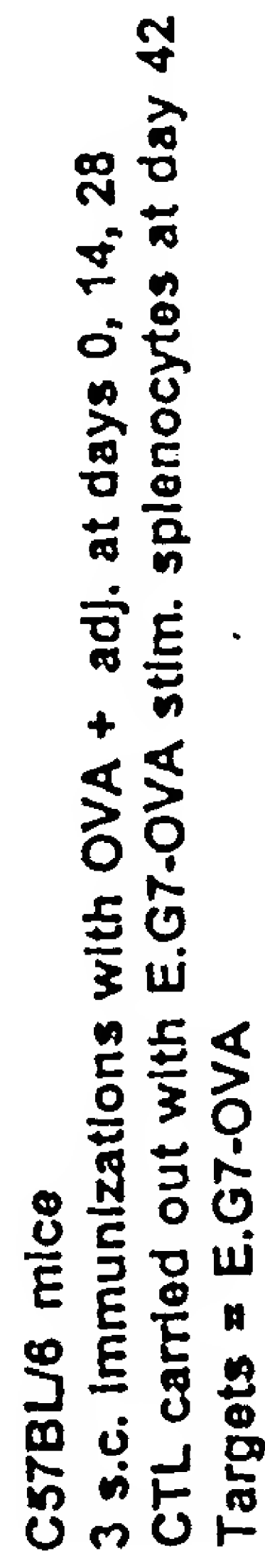
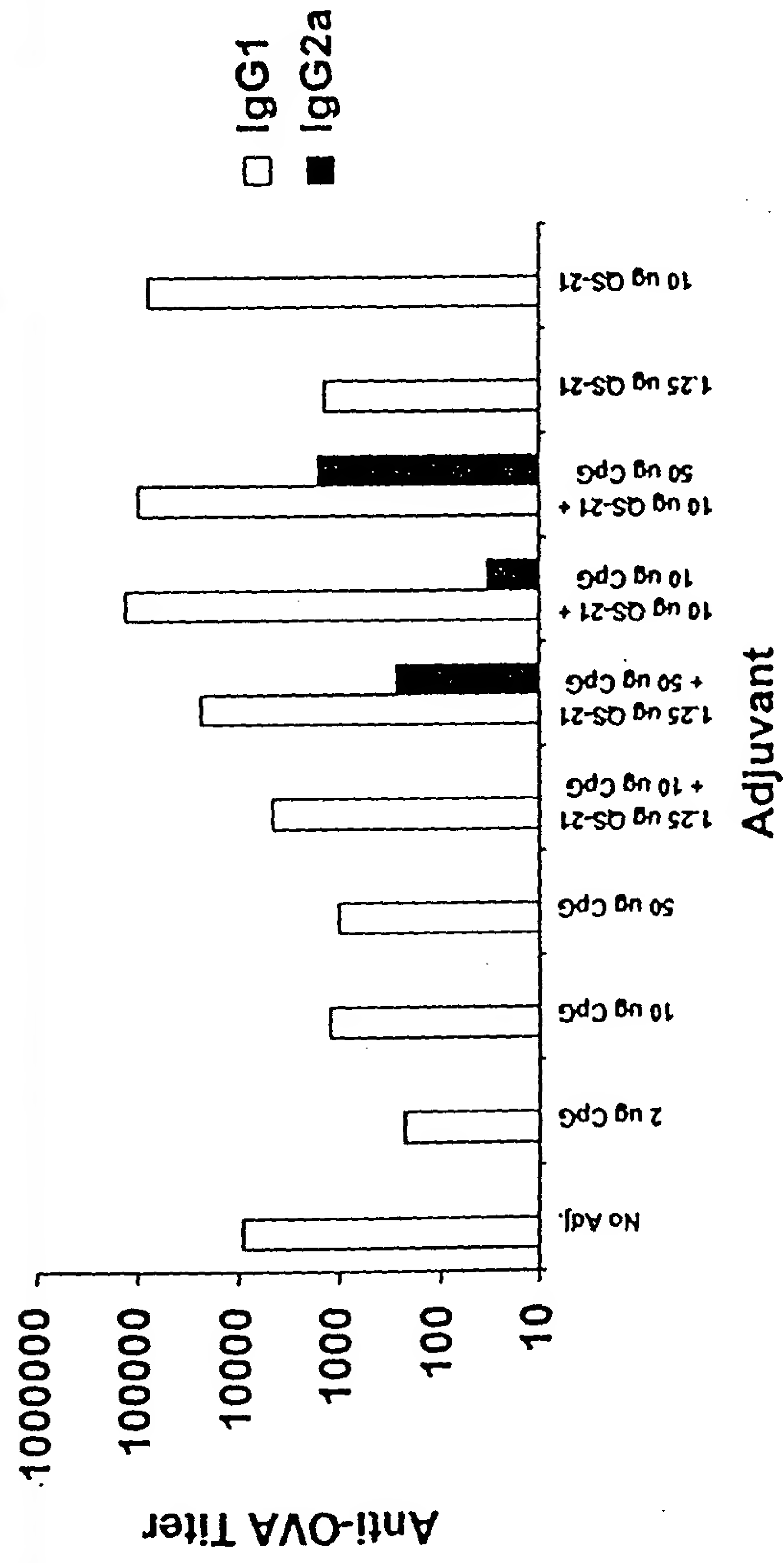


Figure 2:

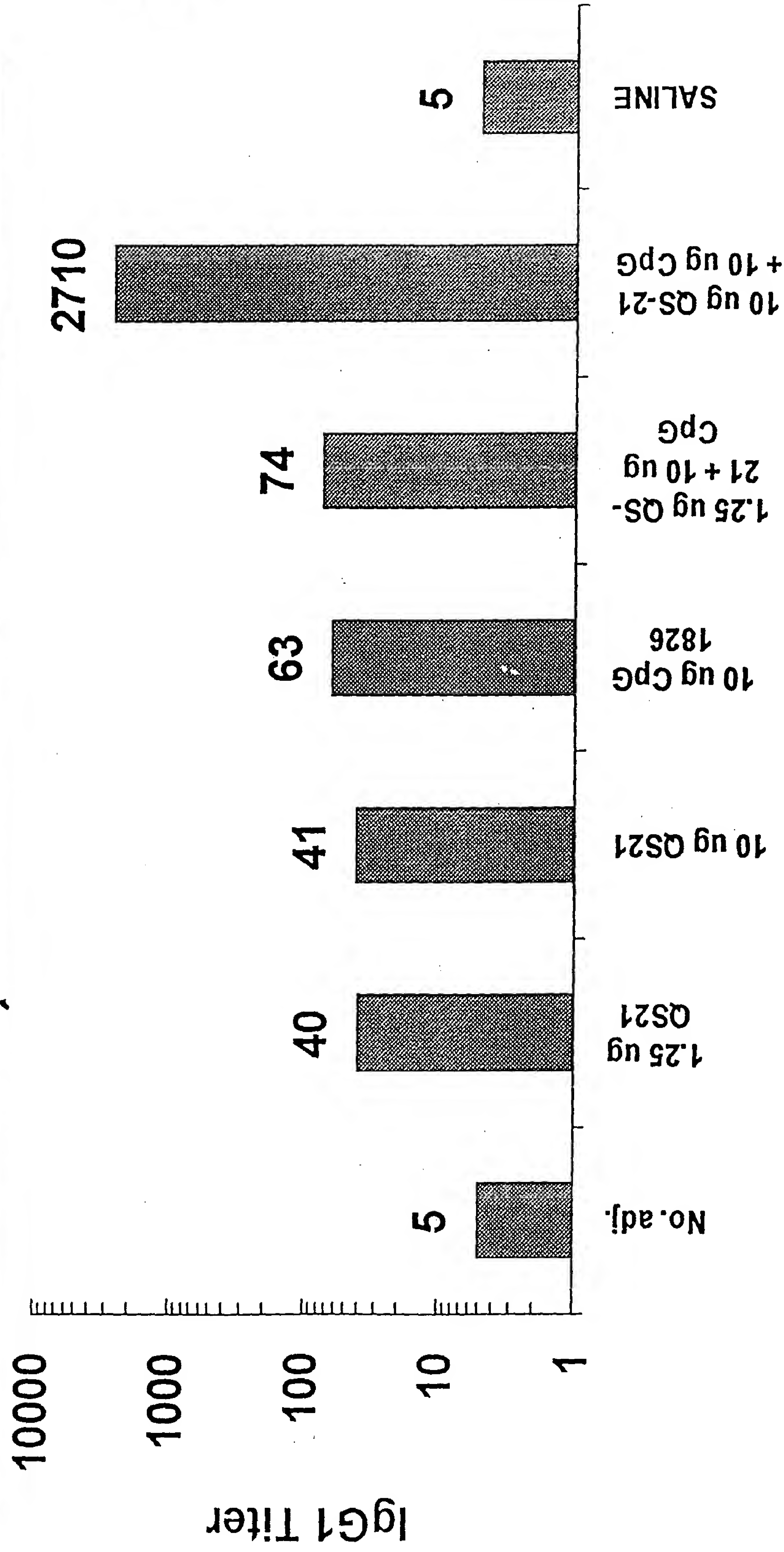
CpG Vs QS-21 Vs Mixture (Serum IgG1, IgG2a)



C57BL/6 mice
3 s.c. immunizations with OVA + adj. at days 0, 14, 28
Sera collected at day 42 and assayed for anti-OVA IgG1 and IgG2a.

Figure 3: Antigen-specific Serum IgG1 and IgG2a

Figure 4



Formulation

Figure 5

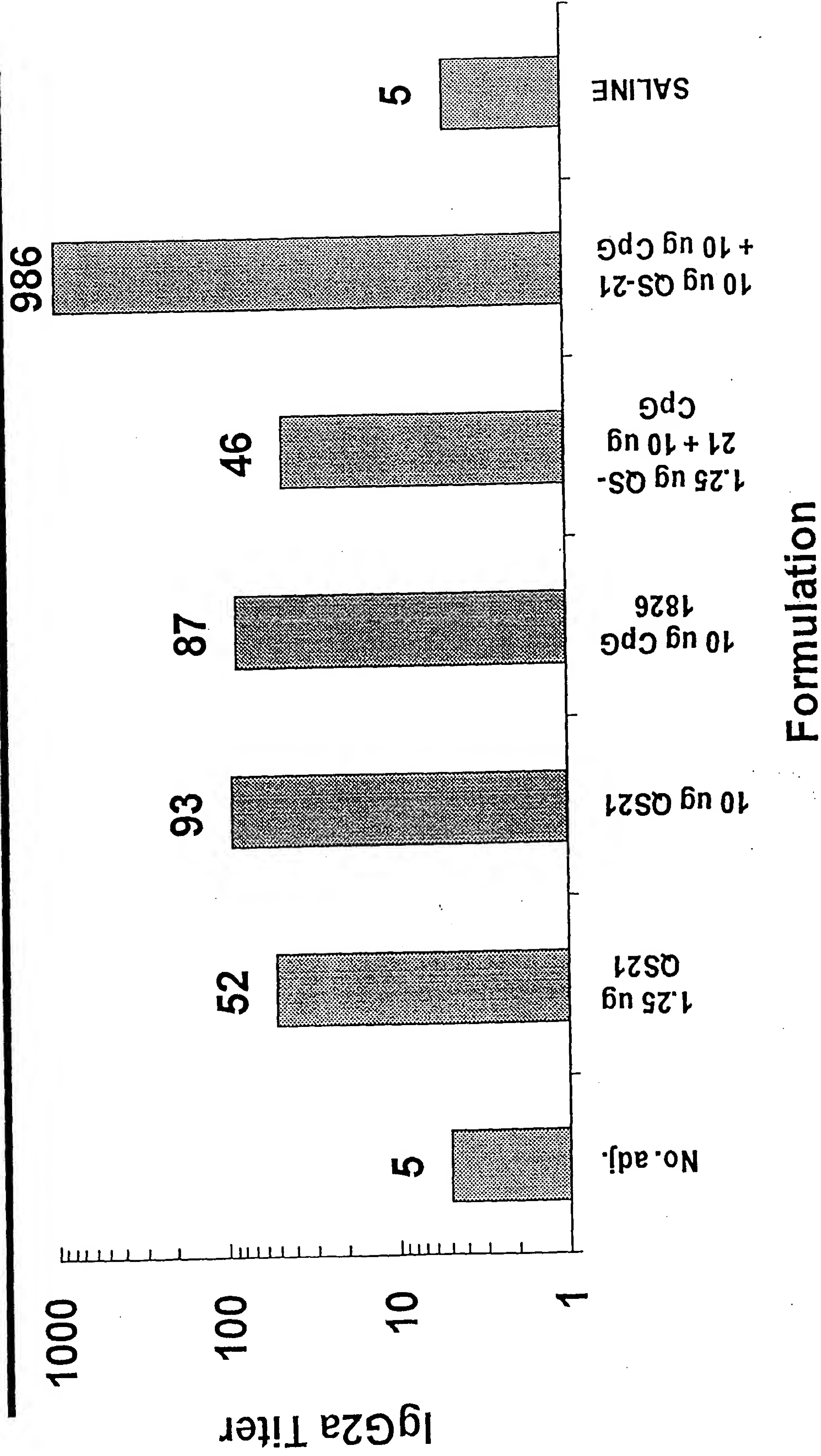


Figure 6

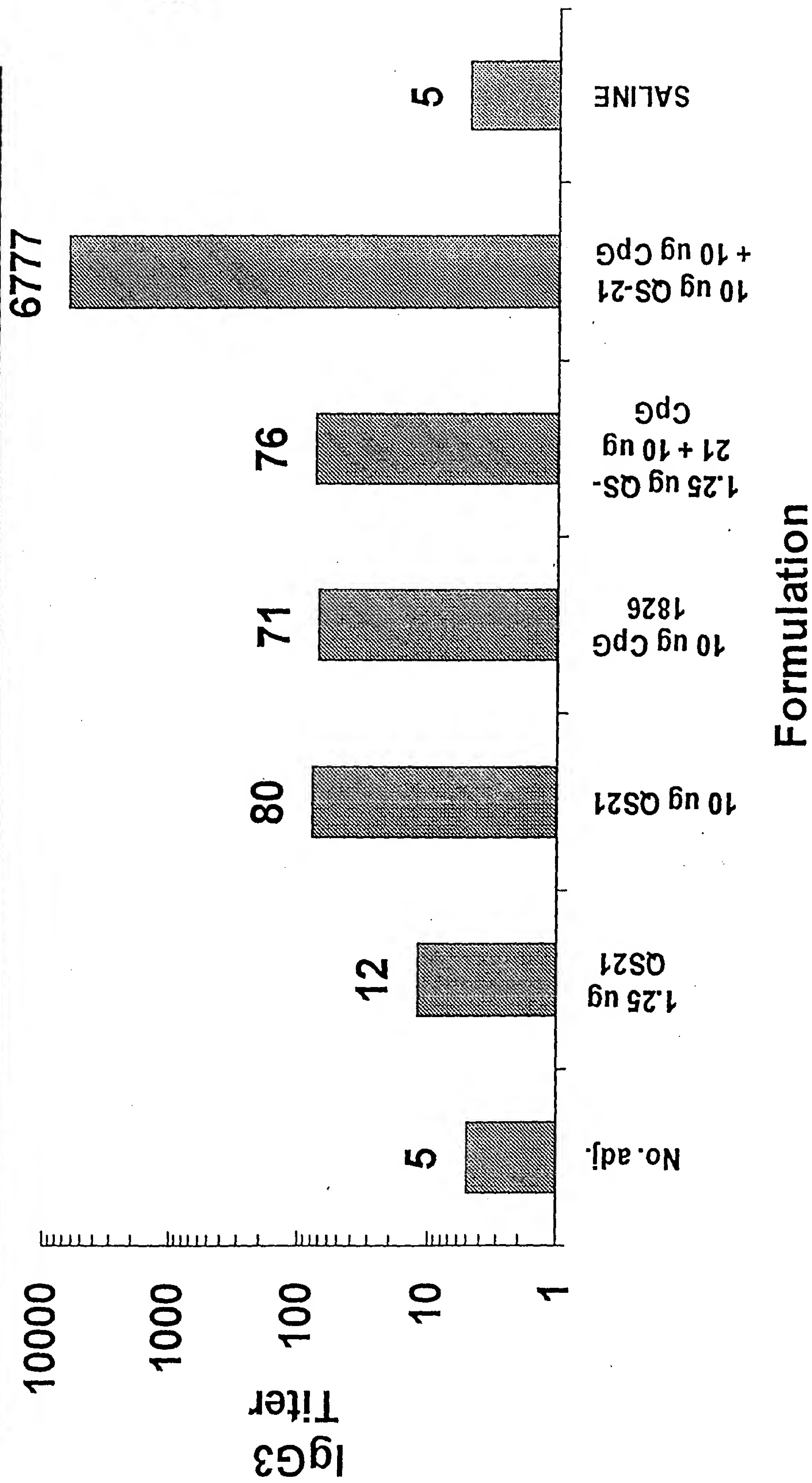


Figure 7

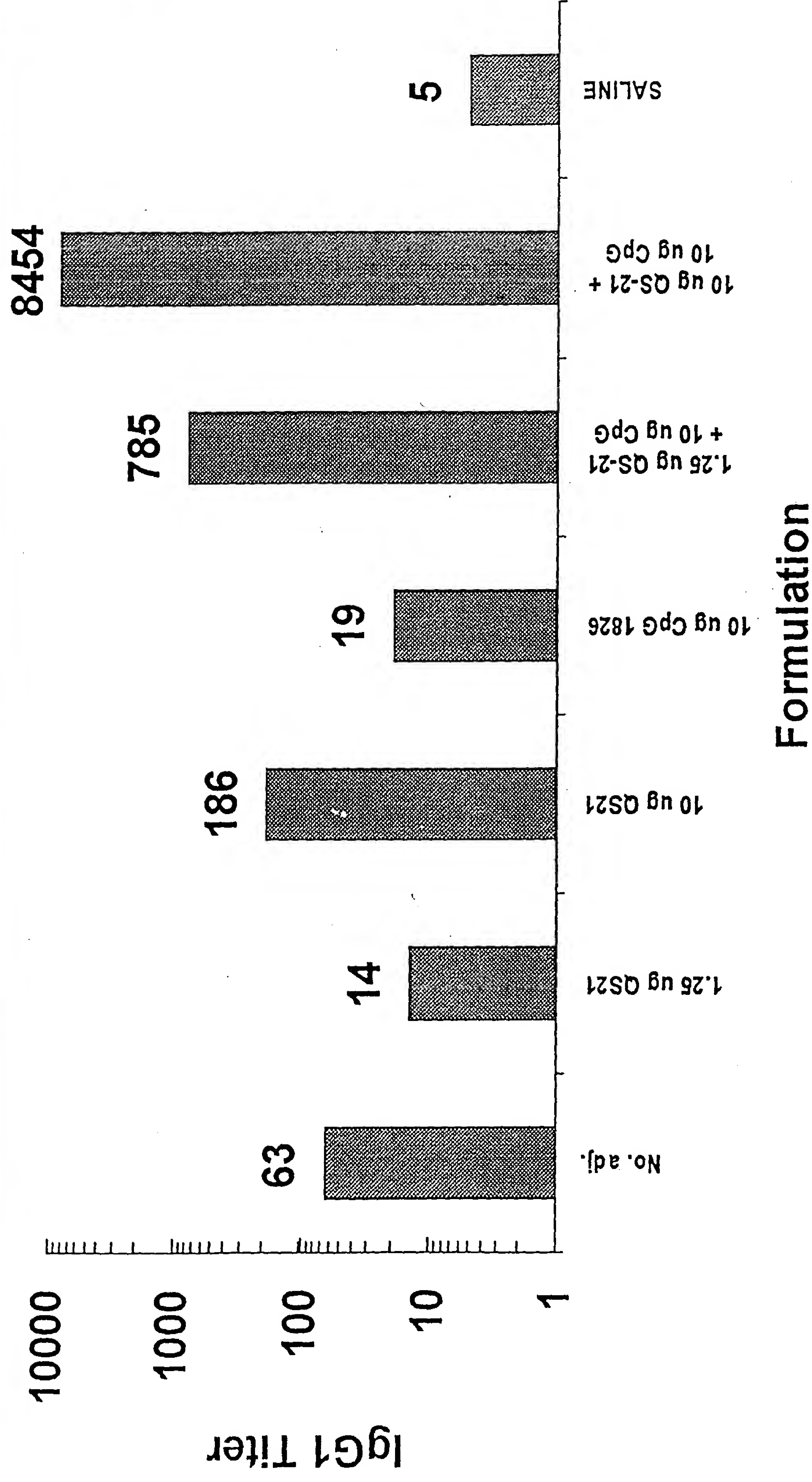


Figure 8

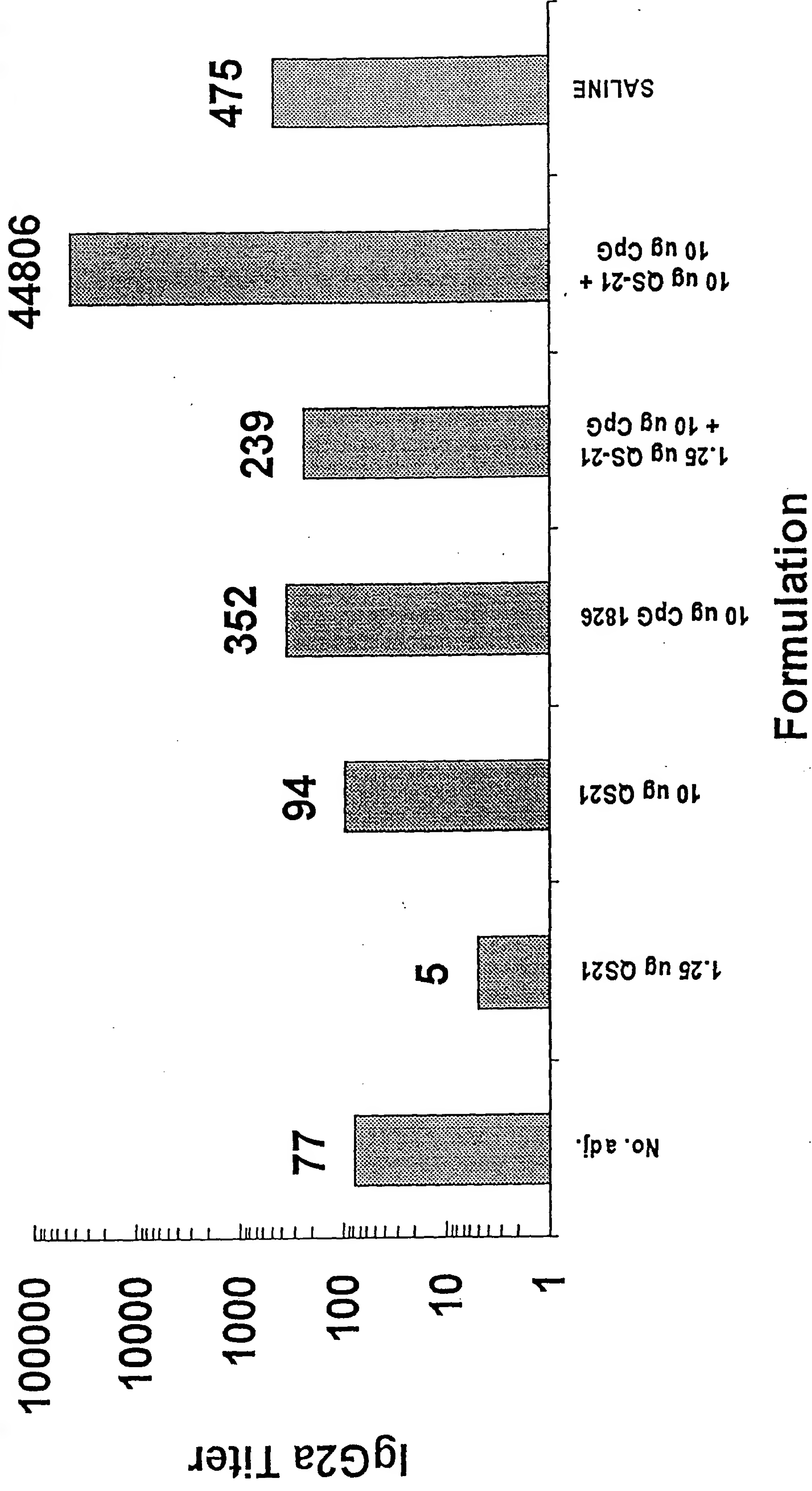


Figure 9

